



(19)

(11) Publication number: 0

Generated Document.

## PATENT ABSTRACTS OF JAPAN

(21) Application number: 03184214

(51) Intl. Cl.: B01D 71/34 B01D 71/38

(22) Application date: 24.07.91

<p>(30) Priority:</p> <p>(43) Date of application publication: 02.02.93</p> <p>(84) Designated contracting states:</p>	<p>(71) Applicant: ASAHI CHEM IND CO</p> <p>(72) Inventor: OYA HIROYOSHI WATANABE KOHEI</p> <p>(74) Representative:</p>
--	---

**(54) HYDROPHILIC HEAT-RESISTANT FILM AND ITS MANUFACTURE**

(57) Abstract:

**PURPOSE:** To provide a highly hydrophilic polyvinylidene fluoride with minimized adsorption of a physiological active substance such as protein and its manufacturing technique.

**CONSTITUTION:** The subject hydrophilic heat-resistant film consists of a blend polymer consisting of a highly heat and chemical-resistant polyvinylidene fluoride polymer and a hydrophilic polyvinyl alcohol polymer. Its manufacturing technique is first to form a film using a solution containing blended and molten polyvinylidene-fluoride polymer and polyvinyl acetate and saponify polyvinyl acetate partially at a saponification degree of 10% or higher to 100% or lower, or saponify polyvinylidene fluoride to polyvinyl alcohol at a saponification degree of

100%. Thus it is possible to minimize the surface attachment of a physiological active substance such as protein.

COPYRIGHT: (C)1993,JPO&Japio